

6090382

	CDR L1		CDR L2
2SD4 VL DIQMTQSPSSLSASIGDRVTITC	RASQGIRNYLA	WYQQKPGKAPKLLIY	AASTLQS
EP B12
VL10E4
VL100A9
VL100D2
VL10F4
LOE5
VLL0F9
VLL0F10
VLL0G7
VLL0G9
VLL0H1
VLL0H10
VL1B7
VL1C1
VL1C7
VL0.1F4
VL0.1H8
LOE7
LOE7.A
LOE7.T
D2E7 VL DIQMTQSPSSLSASVGDRVTITC	RASQGIRNYLA	WYQQKPGKAPKLLIY	AASTLQS
LD2E7*.A1
LD2E7*.A3
LD2E7*.A4
LD2E7*.A5
LD2E7*.A7
LD2E7*.A8

Figure 1A

	CDR H1			CDR H2
2SD4 VH	QVQLVESGGGLVQPGRSRLRLSCAASGFTFD			AITWNSGHIDYADSV
VH1B11		WVRQAPGKGLDWVS	.....
VH1D8
VH1A11
VH1B12
VH1-D2
VH1E4
VH1F6
VH1G1
3C-H2
VH1-D2.N
VH1-D2.Y
D2E7 VH	EVQLVESGGGLVQPGRSRLRLSCAASGFTFD		WVRQAPGKGLEWVS	AITWNSGHIDYADSV
HD2E7*.A1
HD2E7*.A2
HD2E7*.A3
HD2E7*.A4
HD2E7*.A5
HD2E7*.A6
HD2E7*.A7
HD2E7*.A8
HD2E7*.A9

Figure 2A

	1	2	3	4	5	6	7	8	9	10	11	12
2SD4 VH RFAVSRDNAKNALYLQMNLSLRPEDTAVYYCTK	A	S	Y	L	S	T	S	S	S	L	D	N
VH1B11	.	.	.	.	.	.	.	.	.	.	.	K
VH1D8	.	.	.	.	.	.	.	.	.	.	.	Y
VH1A11	.	.	.	.	.	.	.	.	.	.	.	D
VH1B12	.	.	.	.	.	.	F	.	.	.	.	Y
VH1-D2	V	.	.	.	A	.	.	.	.	.	.	Y
VH1E4	.	.	.	.	.	.	.	.	H	Y	.	.
VH1F6	.	.	F	.	.	.	.	.	E	Y	.	.
VH1G1	.	.	.	.	.	.	.	.	.	.	Y	.
3C-H2	.	.	.	.	.	A	.	.	.	.	Y	.
VH1-D2.N	V	.	.	.	A	.	.	.	.	.	N	.
VH1-D2.Y	V	.	.	.	A	.	.	.	.	.	Y	.
D2E7 VH RFTISRDNAKNSLYLQMNLSLRAEDTAVYYCAK	V	S	Y	L	S	T	A	S	S	L	D	Y
HD2E7* A1	.	A	.	.	.	.	.	.	.	.	.	.
HD2E7* A2	.	A	.	.	.	.	.	.	.	.	.	.
HD2E7* A3	.	.	A	.	.	.	.	.	.	.	.	.
HD2E7* A4	.	.	.	A	.	.	.	.	.	.	.	.
HD2E7* A5	.	.	.	.	A	.	.	.	.	.	.	.
HD2E7* A6	.	.	.	.	.	.	A	.	.	.	.	.
HD2E7* A7	.	.	.	.	.	.	.	.	A	.	.	.
HD2E7* A8	.	.	.	.	.	.	.	.	.	A	.	.
HD2E7* A9	.	.	.	.	.	.	.	.	.	.	A	.
	WGQGT	L	V	T	V	S	S					

Figure 2B

FIG. 3

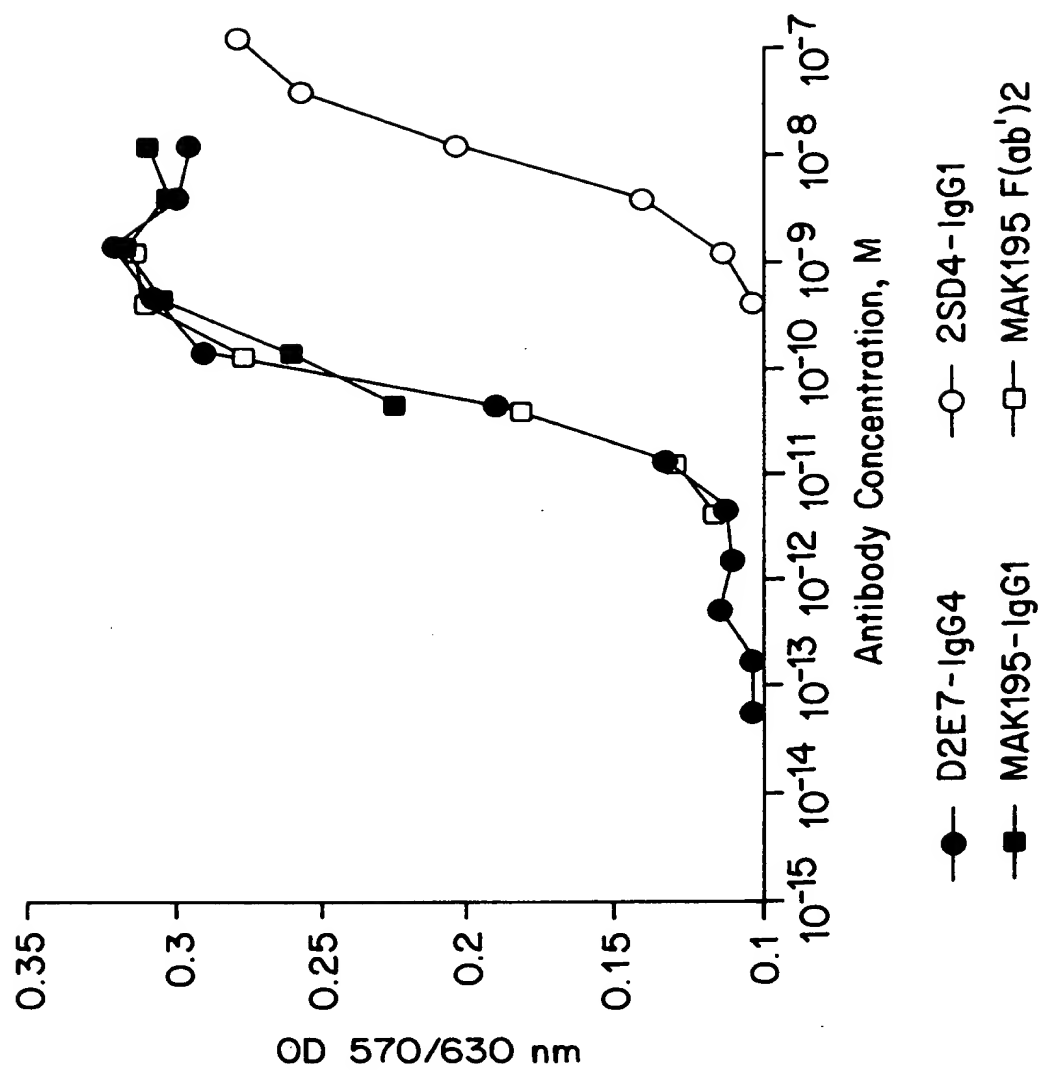


FIG. 4

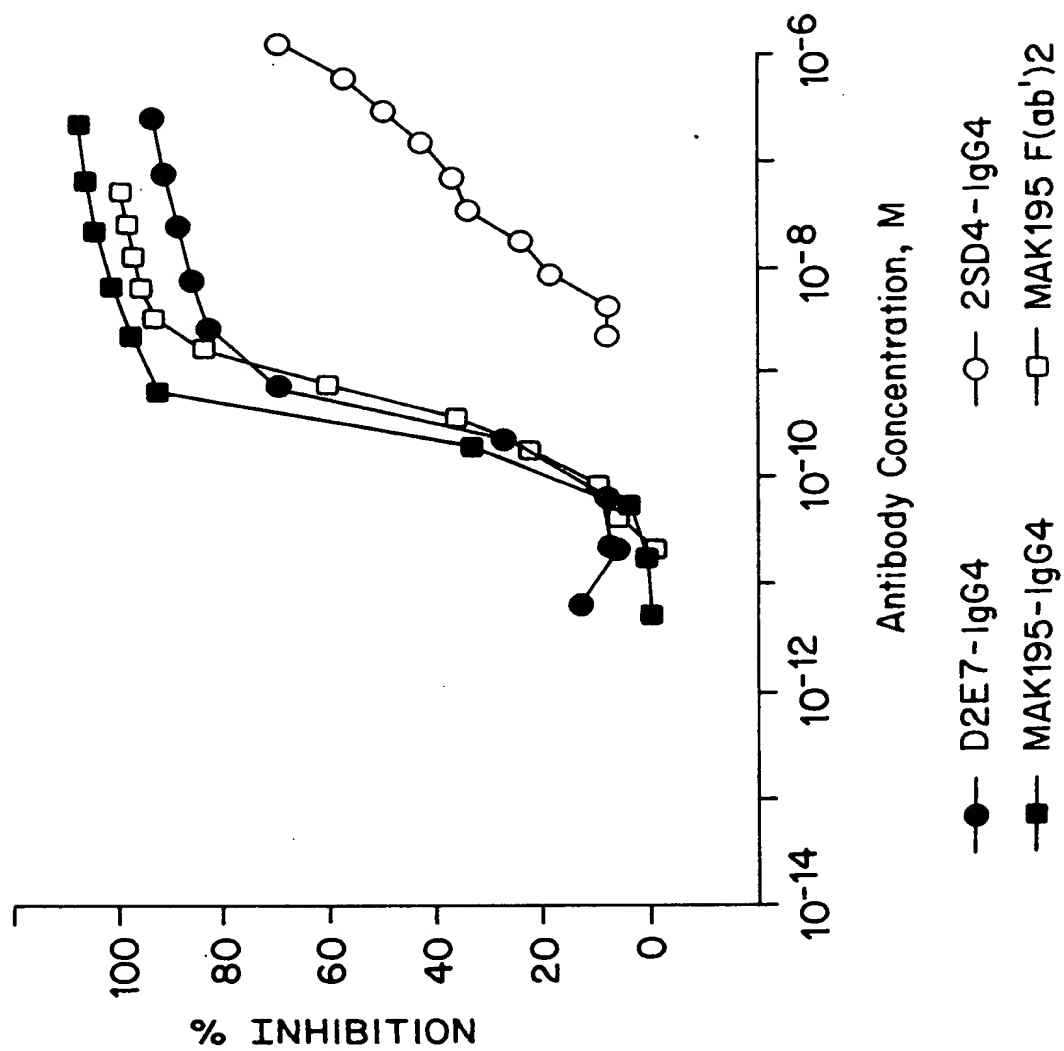


FIG. 5

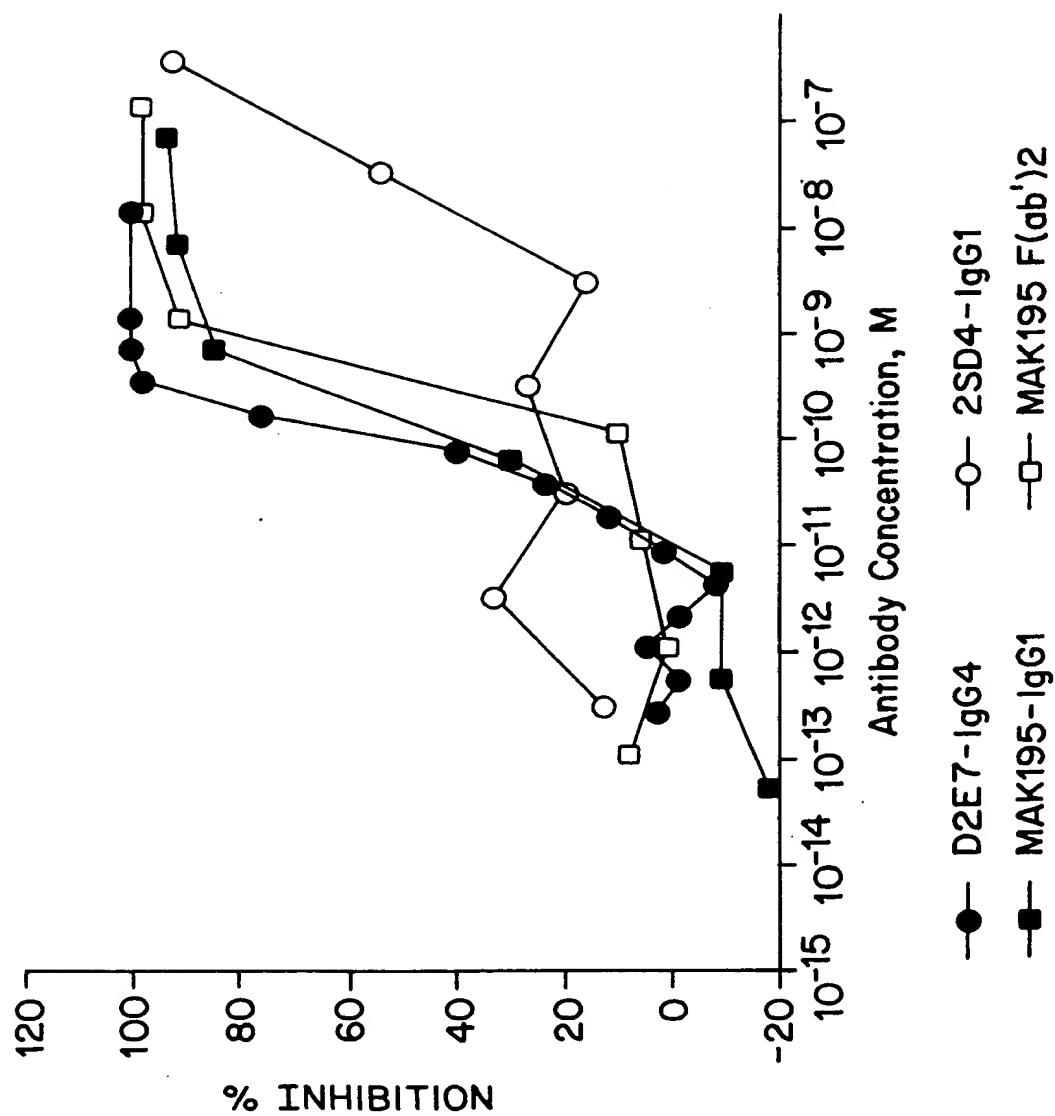
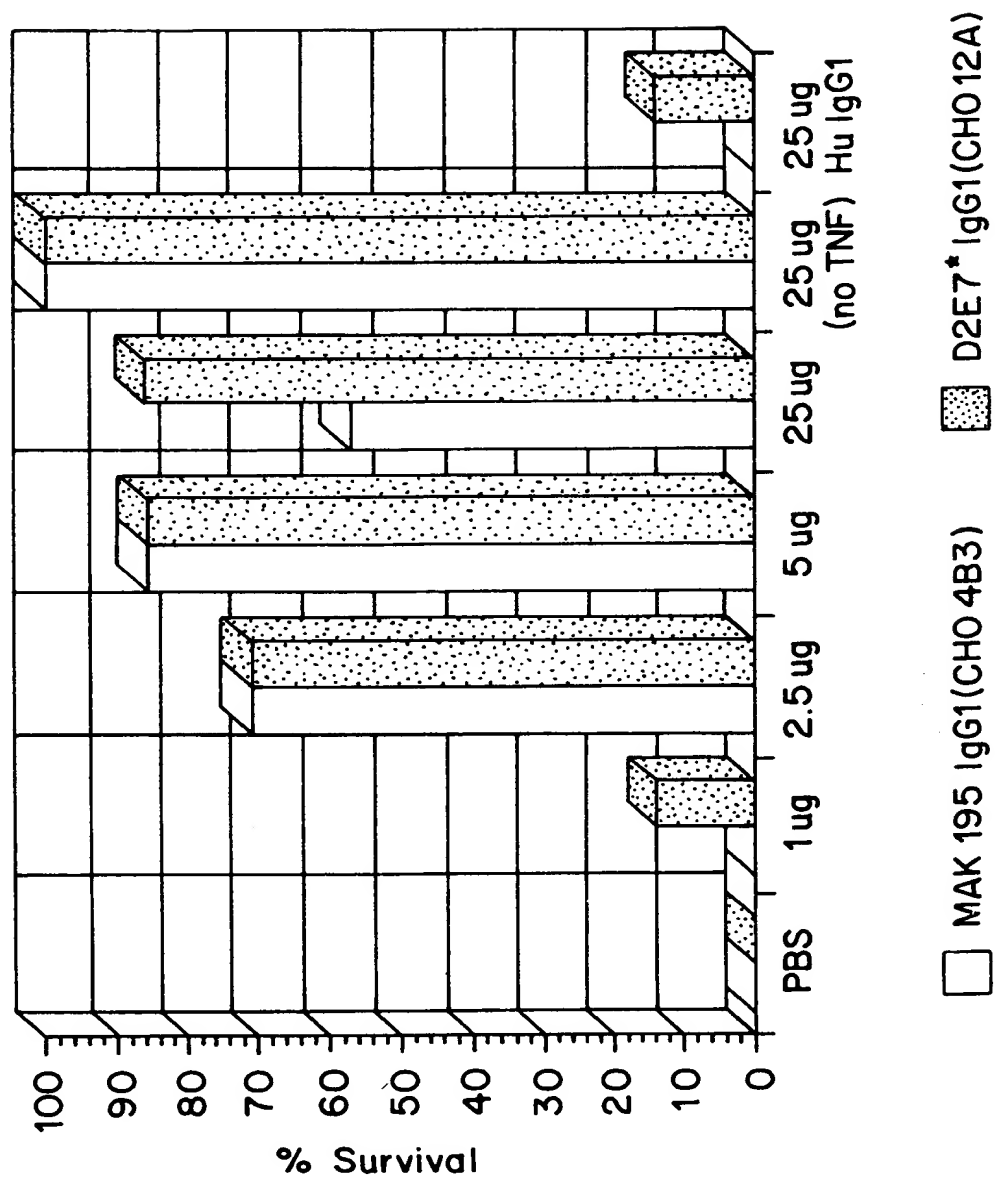


FIG. 6



D2E7 VL

GAC	ATC	CAG	ATG	ACC	CAG	TCT	CCA	TCC	TCC	CTG	TCT	GCA	TCT	GTA
D	I	Q	M	T	Q	S	P	S	S	L	S	A	S	V

CDR L1

GGG	GAC	AGA	GTC	ACC	ATC	ACT	TGT	CGG	GCA	AGT	CAG	GGC	ATC	AGA
G	D	R	V	T	I	T	C	<u>R</u>	<u>A</u>	<u>S</u>	<u>Q</u>	<u>G</u>	<u>I</u>	<u>R</u>

AAT	TAC	TTA	GCC	TGG	TAT	CAG	CAA	AAA	CCA	GGG	AAA	GCC	CCT	AAG
<u>N</u>	<u>Y</u>	<u>L</u>	<u>A</u>	W	Y	Q	Q	K	P	G	K	A	P	K

CDR L2

CTC	CTG	ATC	TAT	GCT	GCA	TCC	ACT	TTG	CAA	TCA	GGG	GTC	CCA	TCT
L	L	I	Y	<u>A</u>	<u>A</u>	<u>S</u>	<u>T</u>	<u>L</u>	<u>Q</u>	<u>S</u>	G	V	P	S

CGG	TTC	AGT	GGC	AGT	GGA	TCT	GGG	ACA	GAT	TTC	ACT	CTC	ACC	ATC
R	F	S	G	S	G	S	G	T	D	F	T	L	T	I

AGC	AGC	CTA	CAG	CCT	GAA	GAT	GTT	GCA	ACT	TAT	TAC	TGT	CAA	AGG
S	S	L	Q	P	E	D	V	A	T	Y	Y	C	<u>Q</u>	<u>R</u>

CDR L3

TAT	AAC	CGT	GCA	CCG	TAT	ACT	TTT	GGC	CAG	GGG	ACC	AAG	GTG	GAA
<u>Y</u>	<u>N</u>	<u>R</u>	<u>A</u>	<u>P</u>	<u>Y</u>	<u>T</u>	F	G	Q	G	T	K	V	E

ATC	AAA
I	K

FIGURE 7

D2E7 VH

GAG GTG CAG CTG GTG GAG TCT GGG GGA GGC TTG GTA CAG CCC GGC
 E V Q L V E S G G G L V Q P G

AGG TCC CTG AGA CTC TCC TGT GCG GCC TCT GGA TTC ACC TTT GAT
 R S L R L S C A A S G F T F D

CDR H1

GAT TAT GCC ATG CAC TGG GTC CGG CAA GCT CCA GGG AAG GGC CTG
D Y A M H W V R Q A P G K G L

CDR H2

GAA TGG GTC TCA GCT ATC ACT TGG AAT AGT GGT CAC ATA GAC TAT
 E W V S A I T W N S G H I D Y

GCG GAC TCT GTG GAG GGC CGA TTC ACC ATC TCC AGA GAC AAC GCC
A D S V E G R F T I S R D N A

AAG AAC TCC CTG TAT CTG CAA ATG AAC AGT CTG AGA GCT GAG GAT
 K N S L Y L Q M N S L R A E D

CDR H3

ACG GCC GTA TAT TAC TGT GCG AAA GTC TCG TAC CTT AGC ACC GCG
 T A V Y Y C A K V S Y L S T A

TCC TCC CTT GAC TAT TGG GGC CAA GGT ACC CTG GTC ACC GTC TCG
S S L D Y W G Q G T L V T V S

AGT
 S

FIGURE 8